



DEQ 101

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# RADIATION CONTROL



Dane Finerfrock,  
Director

# OUR MISSION

Assure Utah citizens  
the lowest possible exposure  
to any form of radiation.



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Radiation Control

## OUR AUTHORITIES

- ✓ State Radiation Control Act
- ✓ Federal Atomic Energy Act

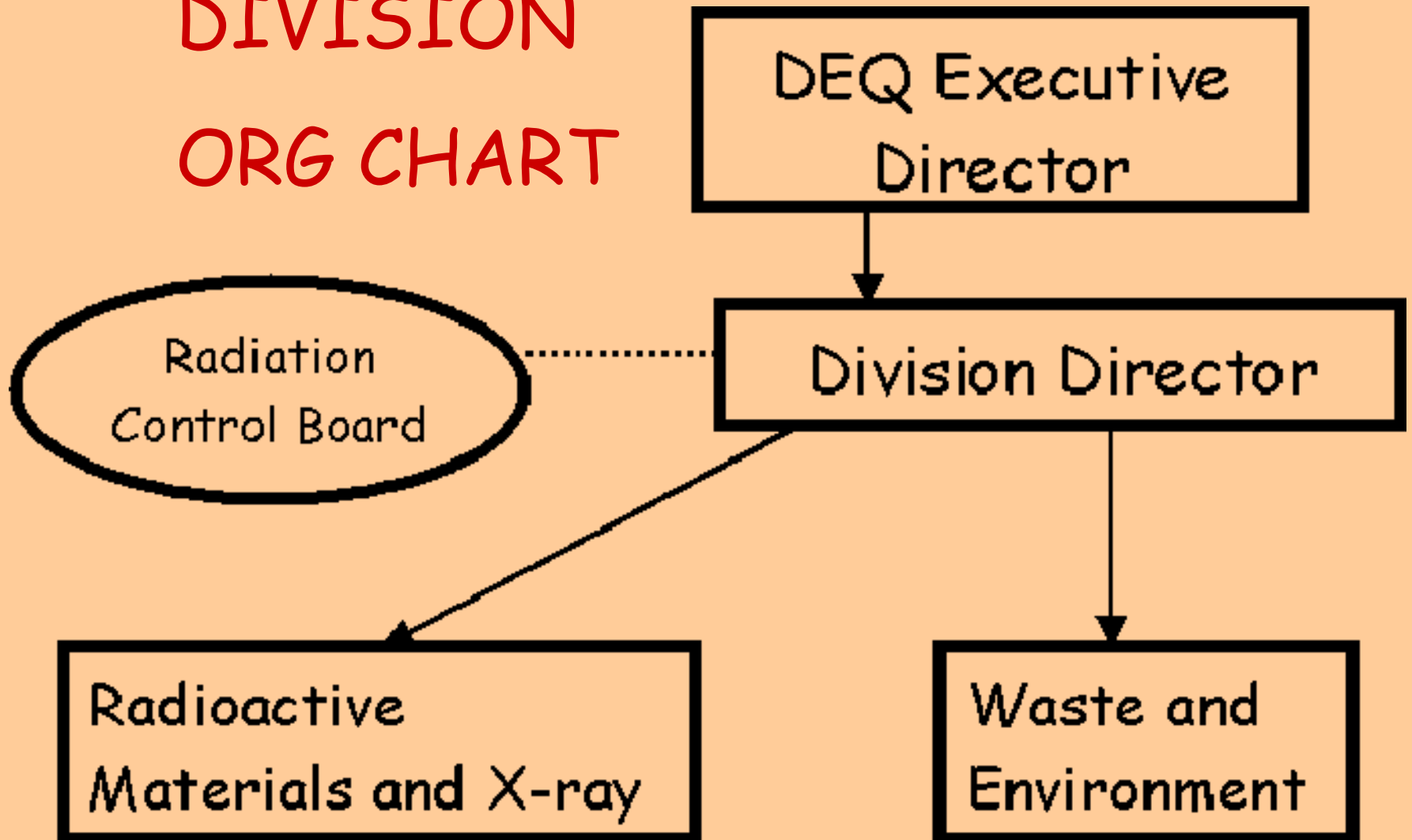


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Radiation Control

# DIVISION ORG CHART



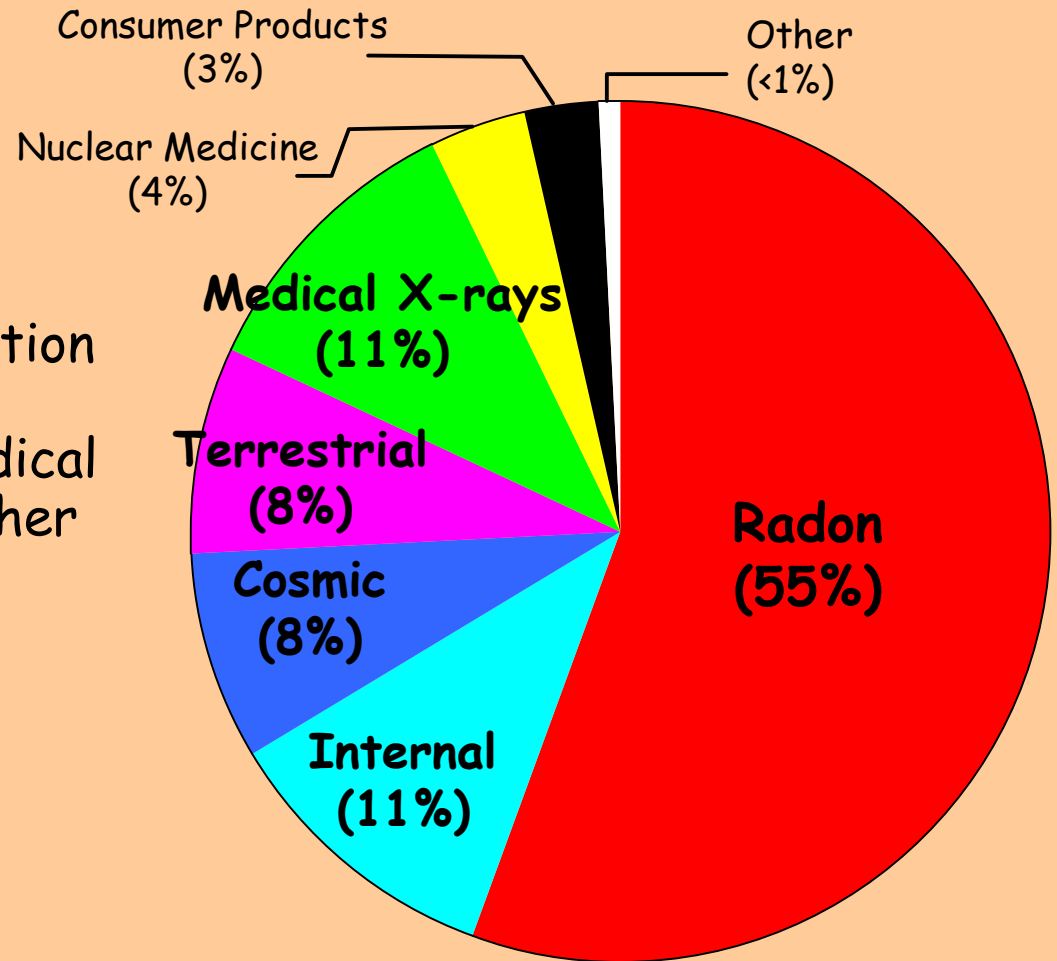


# AVERAGE ANNUAL DOSE TO US CITIZEN FROM 'BACKGROUND' RADIATION

Natural Background Radiation  
82%

Man-made Radiation = medical  
+ consumer products + other  
18%

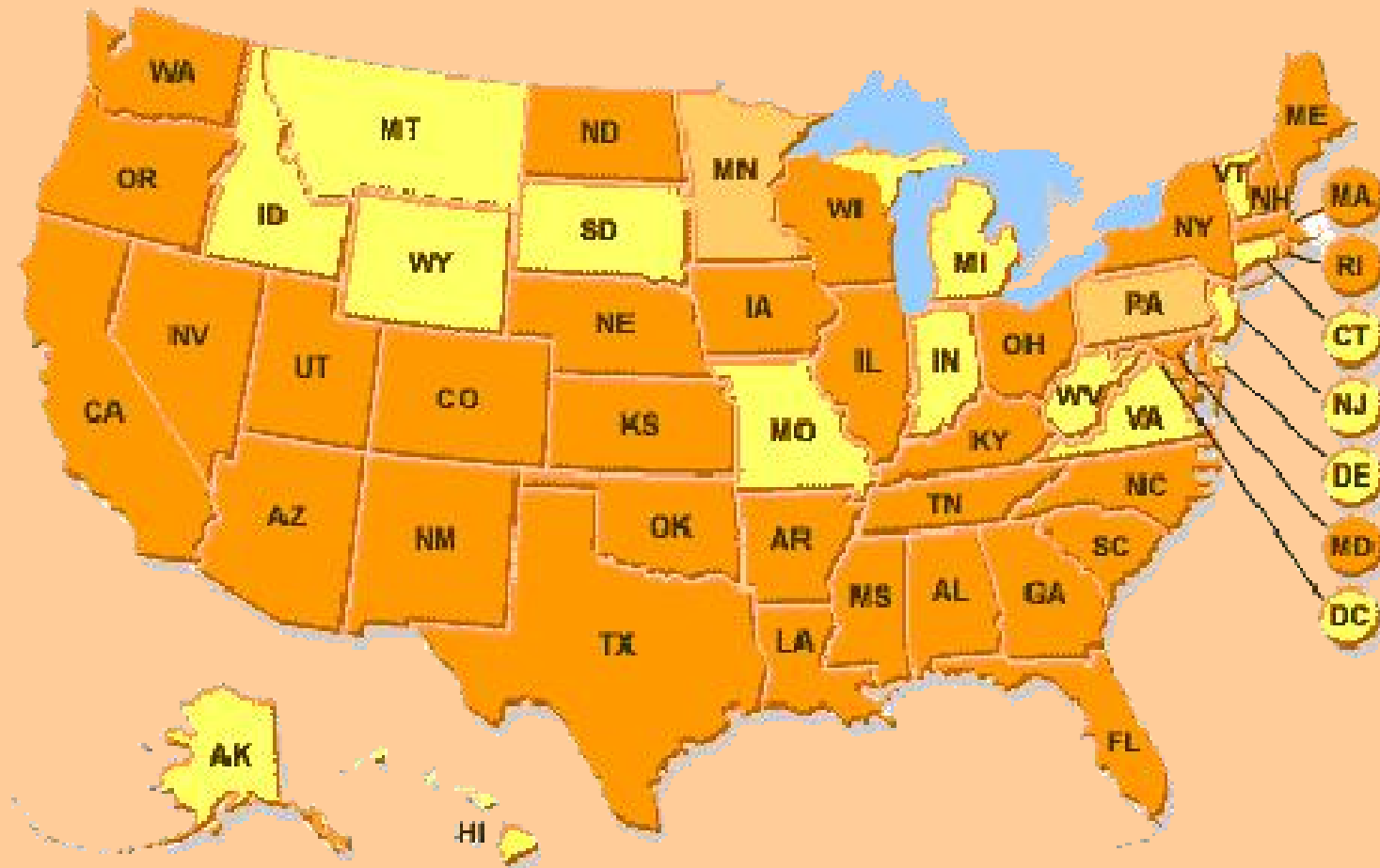
Total Effective Dose  
360 mrem







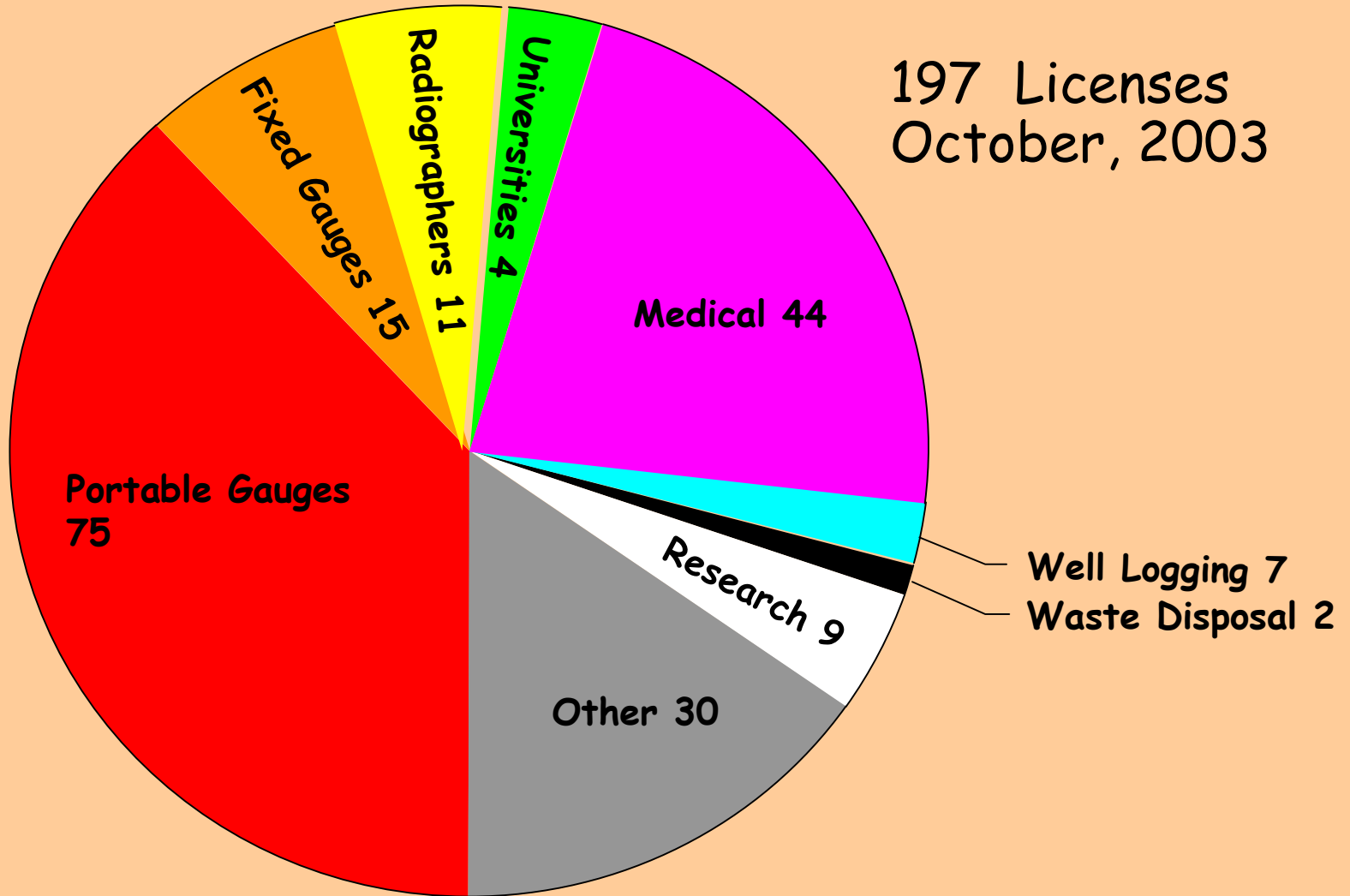
# NRC AGREEMENT STATES



 Agreement States  Non-Agreement States  Letter of Intent-AS



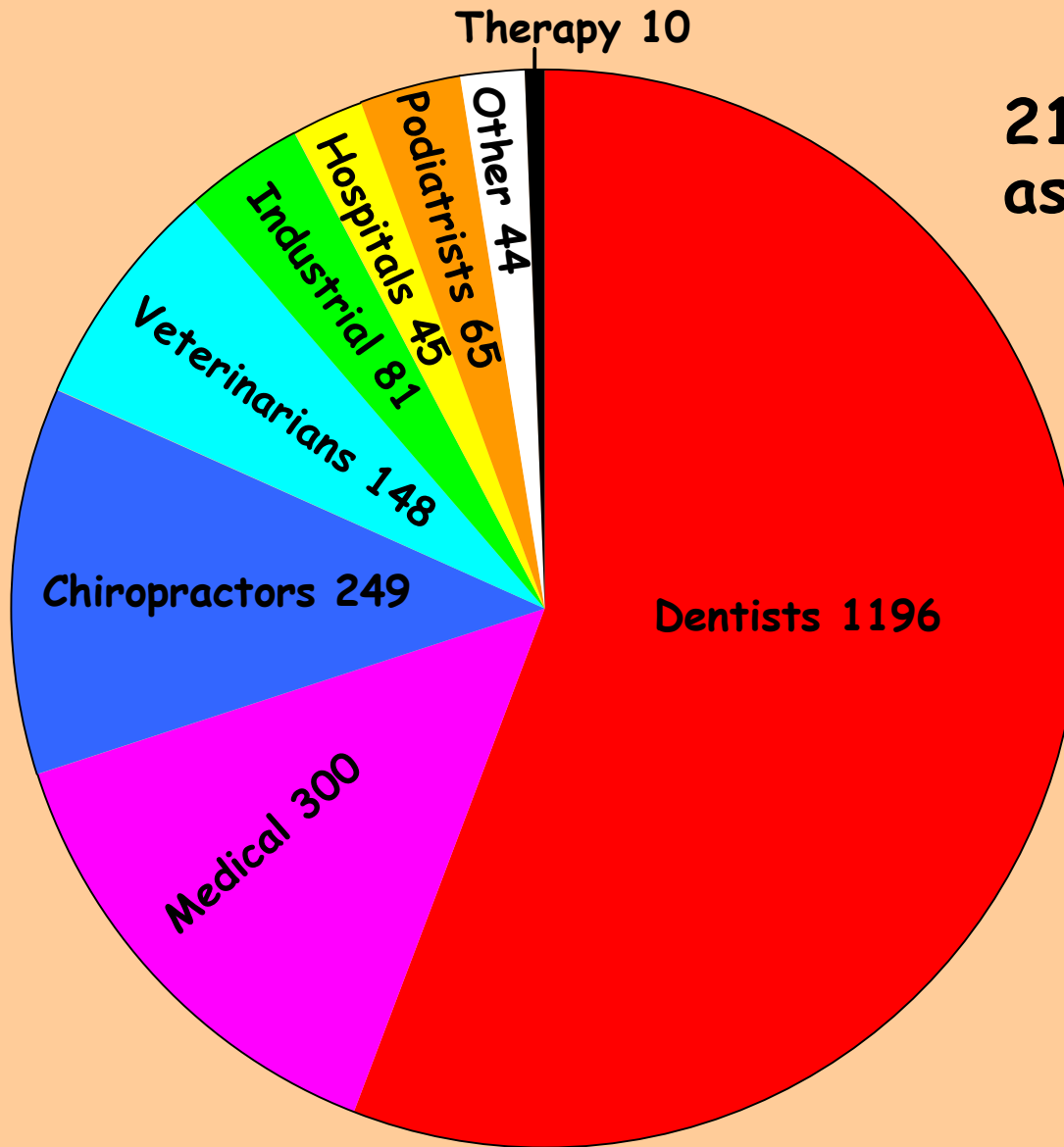
# RADIOACTIVE MATERIALS LICENSES





# FACILITIES WITH X-RAY UNITS

2138 Total Facilities  
as of October, 2003



# PARTNERSHIPS

- Radon Grant
- MQSA Grant
- DOH Grant
- DOE WIPP Cooperative Agreement



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# CROSS-DEQ REGULATION

Kennecott

Radioactive Material License

X-ray registrant

Groundwater permits

Air Quality permits



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FOR MORE INFORMATION

[www.radiationcontrol.utah.gov](http://www.radiationcontrol.utah.gov)



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